

From: ["SPANGLER David * OPRD" <David.Spangler@oregon.gov>](mailto:David.Spangler@oregon.gov)
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CC: ["BERNHARDT Magnus U" <Magnus.U.BERNHARDT@odot.state.or.us>](mailto:Magnus.U.BERNHARDT@odot.state.or.us)
Date: 2/28/2019 1:04:39 PM
Subject: RE: Updated again Backfill Plan I-84 (South side/east bound)

I am fine with a compost blanket.

Thank you,

David Spangler
Park Manager
East Columbia River Gorge
Office 541-374-8811
Cell 503-969-8350

From: NOWICKI Teresa [Teresa.NOWICKI@odot.state.or.us]
Sent: Thursday, February 28, 2019 12:29 PM
To: SCHWARZ Charles; COLLINS Jamie; 'davidb@hydroconllc.net'; RICHARDSON Chris; SPANGLER David * OPRD; 'fowlow.jeffrey@epa.gov'; 'shiloh_mcconnell@nwffenviro.com'; 'Ross McMakin'; THOMS Bryn
Subject: FW: Updated again Backfill Plan I-84 (South side/east bound)

See below for ODOT comments on the south side backfill. I believe the only updates are to tamp the soil in place and the recommendation to add a compost blanket on top of the top soil. The compost blanket would serve as erosion control and the waddles wouldn't need to stay in place after backfilling. OPR should make final determination on use of the compost blanket vs long-term waddles.

Thanks,
Teresa

503-731-3035 (desk)
971-930-6445 (mobile)
teresa.nowicki@odot.state.or.us

From: ZIMMERMAN Michael J <Michael.J.ZIMMERMAN@odot.state.or.us>
Sent: Thursday, February 28, 2019 12:14 PM
To: NOWICKI Teresa <Teresa.NOWICKI@odot.state.or.us>
Subject: RE: Updated again Backfill Plan I-84

The area between the eastbound pavement and the HCRHT (the paved trail) will be backfilled starting tomorrow. There are vertical cut slopes adjacent both the I-84 pavement and the HCHRT pavement, so this shouldn't be allowed to wait too much longer before being backfilled.

I understand the following:

- ☐ they plan to place pit run rock to backfill the deeper portions of the excavation on the south side of I-84.
- ☐ the pit run will meet the specs being used for the FHWA project constructing the HCRH Trail.
- ☐ the pit run rock will be placed in lifts and compacted with a hoe-pack.
- ☐ the upper 12 inches of backfill will be certified weed-free topsoil.

The topsoil should be tamped into place so there isn't settlement of the soil adjacent the paved trail. To facilitate tamping/compaction, the topsoil should not be frozen and should be within 5% of the optimum moisture content.

The revised Backfill Plan prepared by Terra Dolce Consultants, Inc. (TDC) dated February 28, 2019, discusses using straw wattles around the area of topsoil backfill. Use of a compost blanket on top of the topsoil to prevent erosion and provide substrate for seeding is recommended.

More to follow about the embankment backfill adjacent the westbound lanes.

Please distribute this as needed after you review.

Thanks,

Michael J. Zimmerman, PE, GE, CEG

Engineering Geologist
Oregon Department of Transportation, Region 1
123 NW Flanders Street, Portland, Oregon 97209-4012
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michael.j.zimmerman@odot.state.or.us

From: NOWICKI Teresa <Teresa.NOWICKI@odot.state.or.us>
Sent: Thursday, February 28, 2019 10:40 AM
To: ZIMMERMAN Michael J <Michael.J.ZIMMERMAN@odot.state.or.us>
Subject: FW: Updated again Backfill Plan I-84

Michael,

Please see the updated backfill plan, with figures.

The eastbound will now have 4" (or 12") topsoil so I don't know if you want to revise your reply for me to forward.

Thanks,
Teresa

503-731-3035 (desk)
971-930-6445 (mobile)
teresa.nowicki@odot.state.or.us

From: David Borys <DavidB@hydroconllc.net>
Sent: Thursday, February 28, 2019 9:13 AM
To: COLLINS Jamie <Jamie.Collins@state.or.us>; NOWICKI Teresa <Teresa.NOWICKI@state.or.us>; SCHWARZ Charles <Charles.SCHWARZ@odot.state.or.us>; RICHARDSON Chris <Chris.RICHARDSON@state.or.us>; SPANGLER David *OPRD <David.SPANGLER@state.or.us>; Fowlow.Jeffrey@epa.gov; shiloh_mcconnell@nwffenviro.com; THOMS Bryn <Bryn.Thoms@state.or.us>
Cc: Ross McMakin <Ross_McMakin@nwffenviro.com>
Subject: FW: Updated again Backfill Plan I-84

All,

Please see attached revised backfill plan.

From: Cynthia Hovind [<mailto:> (b) (6)]
Sent: Thursday, February 28, 2019 8:59 AM
To: David Borys; Craig Hultgren; Robert Honsberger

Subject: Updated again Backfill Plan I-84

Here is the FULL plan

Thanks, Cindy

Cynthia L Hovind, PE GE
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